

Call for contribution of expertise

CERN invites collaborating institutes and universities to contribute the expertise of their qualified personnel to the activity described below.

Date: 1st of October / November 2018

Project/Activity: Full-Stack Software Engineers

Activity: Design and development of administrative information systems at CERN

Description of Project:

The Administrative Information Systems (FAP-AIS) group is responsible for providing CERN with business computing services and hence is the backbone for enabling CERN's administration to create the conditions for physicists from all over the world to successfully conduct particle physics related research. The group provides in-house developed software and runs complex commercial solutions. The group's services cover all aspects from hiring of personnel, managing contracts, running ERP systems (covering HR, personnel, planning and logistics), managing interventions (incl. the management of access to the underground/accelerator areas), providing tools for CERN's outreach activities as well as managing documents and supporting more than 70 business processes in an entirely automated paperless way.

Selected candidates will contribute as full stack (web) developers in an agile environment (Scrum, Kanban), in teams of around 10 developers, in activities of maintenance, support, enhancement and new development of different applications supporting CERN's key business processes. The principal technologies that will be used are Java, JavaScript, HTML5 and CSS. In addition, the selected candidates will work with Oracle databases, use SQL and may also work with BI/ETL tools (e.g. Pentaho) or ERP systems.

Detailed description of activity:

See above.

Profile: Master Degree or Bachelor in Computer Science or similar. Having a good knowledge of the group's core technologies, in particular, Java, SQL, JavaScript, or interest and motivation to learn more about them, would be an advantage.

Status at CERN:

Associated Member of the Personnel (Project Associate).
Conditions in accordance with CERN's Staff Rules and Regulations and Administrative Circular No. 11. Subsistence allowance is payable by CERN to cover the additional cost arising from the individual's (and, as applicable, their family's) stay in the local area while performing activities at CERN.